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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/503,362	02/14/2000	Pekka J. Heinonen	4925-34	6491

7590 02/25/2004  
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EXAMINER

SENF1, BEHROOZ M

ART UNIT PAPER NUMBER

2613

DATE MAILED: 02/25/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/503,362

Applicant(s)

HEINONEN, PEKKA J.

Examiner

Behrooz Senfi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 04 December 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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## DETAILED ACTION

### *Response to Amendment*

1. The amendment (paper no. 6, filed on Dec 4, 2003) under 37 CFR 1.131 has been considered but is ineffective to overcome the Gershman et al. (US 6,401,085) reference.

Applicant amends claims 1 and 8, and added claims 14 – 19 (paper no. 6, dated Dec. 4, 2003).

### ***Claim Rejections - 35 USC § 102***

*A person shall be entitled to a patent unless-*

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim 1 – 19 are rejected under 35 U.S.C. 102(e) as being anticipated by Gershman et al. (US 6,401,085) for the same reason as stated in previous office action (paper no. 5, dated Sep. 4, 2003).

Regarding newly added claims 14 - 15, the limitations claimed are substantially similar to claims 1 and 8, therefore the grounds for rejecting claims 1 and 8 as stated in previous office action (paper no. 5) also apply here. As for the limitation “mobile terminal comprising a screen and data bus for receiving and transmitting data” reads on fig. 17, mobile terminals “PDA, Vehicle, Laptop, Telephone, Television and computer and server” of Gershman '085, and “an output device having a large screen relative to that

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of the mobile terminal for presenting at least one of audio, video, and textual information to a user" reads on television monitor 1740, and server screen 1750.

Regarding claims 16 – 19, Gershman '085 discloses television monitor (i.e. fig. 17, 1740) as claimed.

**Response to remarks:**

Applicant asserts (see paper 6, page 8, lines 13 +) that the "examiner cites the mobile telephone (in fig. 17) as teaching the mobile terminal and the (data bus 112 in fig. 1) as the data bus, there is no mobile telephone in fig. 1 of Gershman". Examiner respectfully disagrees. Fig. 17 of Gershman in preferred embodiment teaches a wireless communication system for retrieval and processing of data from and to access devices "PDA, Vehicle, Laptop, Telephone, Television and etc" which consider as mobile terminal, and figs. 1 and 17 are in accordance with preferred embodiment of the reference and fig. 1, represent hardware environment of the preferred embodiment, in which shows data bus 112 for receiving and transmitting data through interface module 134 to wireless network 135.

Applicant arguments (paper no. 6, page 9, lines 2 – 4) regarding "interface module connected to the data bus of the mobile terminal". Gershman '085 (i.e. fig. 1) discloses communication module 134 (interface module), which is connected to data bus 112 for interacting with wireless network.

Applicant arguments (paper no. 6, page 9, lines 10+), that there is "no protocol stack" in side an "interface module" of Gershman '085 and "user agent" and "signal generator". Examiner respectfully disagrees. Gershman '085 (figs. 1 and 17) shows

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different terminals/access devices (PDA, Vehicle, Laptop, Telephone, Television and etc), that are using different protocol and communication/interface module 134 which inherently stack protocol for wireless communication with the terminals through the wireless network, and a "user agent" and "signal generator" is inherent and necessitated by the system of Gershman '085, in order for decoding the received data and converting the data into a signal to output and present the information to the user.

Applicant arguments (paper no. 6, page 10, lines 10+) in regards to claims 1 and 8, that "a mobile terminal is connected to an interface unit, for receiving data from the data bus of the mobile terminal" clearly reads on fig. 17 of Gershman '085. Gershman '085 (i.e. fig. 17) shows the mobile terminals (i.e. laptop, computer, PDA), which all have an interface unit and a data bus for bi-directional communication.

### ***Conclusion***

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Behrooz Senfi** whose telephone number is **(703)305-0132**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Chris Kelley** can be reached on **(703)305-4856**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**Or faxed to:**

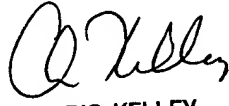
**(703) 872-9314**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relative to the status of the application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

B. S. B. S.

2/17/2004

  
CHRIS KELLEY  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600